

6. (Reiterated) A host cell transformed with the expression vector of claim 5.

13. (Reiterated) An isolated polynucleotide comprising a nucleic acid sequence encoding the polypeptide having the sequence as shown in SEQ ID NO:4

17. (Reiterated) An expression vector comprising the polynucleotide of claim 13.

18. (Reiterated) A host cell transformed with the expression vector of claim 17.

25. (Reiterated) The polynucleotide sequence of claim 1 comprising a nucleic acid sequence as shown in SEQ ID NO:1.

26. (Reiterated) The polynucleotide sequence of claim 13 comprising a nucleic acid sequence as shown in SEQ ID NO:3.

Please cancel claims 2-3, 14-15 and 27-33 without prejudice.

Please add the following new claims:

3-16-20
b!

--36. A nucleotide sequence which is capable of hybridizing to the nucleic acid sequence of claim 1 under stringent conditions.

37. A nucleotide sequence which is capable of hybridizing to the nucleic acid sequence of claim 13 under stringent conditions.

38. A method for detecting a polynucleotide which encodes PANEC-1 in a biological sample comprising the steps of:

- hybridizing the nucleotide sequence of claim 36 a biological sample, thereby forming a hybridization complex; and
- detecting said hybridization complex, wherein the presence of said